| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|---|---|---------------------|---------|------------------|
| L2 | 4 | ((nearest adj neighbor\$3) or nearest?neighbor or knn! or ann!) and (query near1 (tiled or tiling or tiles or quadrature or radius)) and ((quad adj tree) or quad?tree or quadtree) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/12/07 10:39 |
| L3 | 8 | ((nearest adj neighbor\$3) or nearest?neighbor or knn! or ann!) and (query near1 (tiled or tiling or tiles or quadrature or radius or object)) and ((quad adj tree) or quad?tree or quadtree) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/12/07 10:39 |
| L4 | 8 | ((nearest adj neighbor\$3) or nearest?neighbor or knn! or ann!) and (query near1 (tiled or tiling or tiles or quadrature or radius or object or template)) and ((quad adj tree) or quad?tree or quadtree) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/12/07 11:25 |
| L5 | 4 | ((nearest adj neighbor\$3) or nearest?neighbor or knn! or ann!) and ((quad adj tree) or quad?tree or quadtree) and (discretiz\$9 or discretis\$9) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/12/07 11:26 |
| L6 | 14507 | (707/1 707/2 707/3 707/4 707/5 707/100 707/104\$3).ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/12/07 14:46 |
| L7 | 462 | L6 and ((nearest adj neighbor) or nearest?neighbor or knn or ann) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR - | ON | 2004/12/07 14:46 |
| L8 | 17 | L7 and (quadtree or quad?tree or (quad adj tree)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/12/07 14:48 |
| L9 | 32 | L7 and ((query or search) near1 (region or blocks or tiles or tiled or tiling or quadrature)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/12/07 14:49 |
| S1 | 6 | ("5615321" "5740280" "5848373" "5990896" "6014641" "6130673"). did. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/05 12:37 |
| S2 | 0 | (("5615321" "5740280" "5848373" "5990896" "6014641" "6130673"). did.) and (query with (tile or tiling or radius)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/05 11:19 |

| | | | · | | | |
|------|-----|---|---|----|------|------------------|
| S3 | 0 | (("5615321" "5740280" "5848373" "5990896" "6014641" "6130673"). did.) and (query with neighbor\$3) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/05 11:19 |
| S4 | 1 | (("5615321" "5740280" "5848373" "5990896" "6014641" "6130673"), did.) and neighbor\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/05 11:19 |
| S5 | 148 | query\$3 and (tile or tiled or tiling or grid) and ((query\$3 or search\$3) with (radius or boundary)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON . | 2004/01/05 12:40 |
| S6. | 21 | (query\$3 and (tile or tiled or tiling or grid) and ((query\$3 or search\$3) with (radius or boundary))) and ((query\$3 or search\$3) same neighbor\$3) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/05 15:10 |
| S7 | 1 | ("707"/\$.ccls. and query and (tile or tiled or tiling or grid) and (query with (radius or boundary)) and ((expand\$3 or enlarg\$3) with (radius or boundary))) and ((query or search\$3 or grid or til\$3) same (neighbor\$3 or closest or nearest)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/05 15:13 |
| S8 | 9 | "707"/\$.ccls. and query and (tile or tiled or tiling or grid) and (query with (radius or boundary)) and ((expand\$3 or enlarg\$3) with (radius or boundary)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/05 15:41 |
| S9 | 13 | "707"/\$.ccls. and (query\$3 or search\$3) and (tile or tiled or tiling or grid) and ((query\$3 or search\$3) same (radius or boundary)) and ((expand\$3 or enlarg\$3) with (radius or boundary)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/05 15:42 |
| ·S10 | 4 | ("707"/\$.ccls. and (query\$3 or search\$3) and (tile or tiled or tiling or grid) and ((query\$3 or search\$3) same (radius or boundary)) and ((expand\$3 or enlarg\$3) with (radius or boundary))) not ("707"/\$.ccls. and query and (tile or tiled or tiling or grid) and (query with (radius or boundary)) and ((expand\$3 or enlarg\$3) with (radius or boundary))) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/05 15:42 |

| S11 | 7204 | (707/3 707/5 707/1 707/4).ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/06 08:30 |
|-----|------|--|---|----|----|------------------|
| S12 | 500 | ((707/3 707/5 707/1 707/4).ccls.) and (tile or tiled or tiling or grid or geometry) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/06 08:30 |
| S13 | 43 | (((707/3 707/5 707/1 707/4).ccls.) and (tile or tiled or tiling or grid or geometry)) and ((query\$3 or search\$3) same (radius or radial\$2 or width)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/06 08:32 |
| S14 | 36 | ((((707/3 707/5 707/1 707/4).ccls.) and (tile or tiled or tiling or grid or geometry)) and ((query\$3 or search\$3) same (radius or radial\$2 or width))) and @ad<="20010629" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/01/06 08:32 |
| S15 | 73 | (quadtree or quad?tree) and ((nearest adj neighbor\$3) or knn) and ((query near3 geometry) or (tiling or tiled or tiles or partition\$3 or quadrants)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/12/06 17:35 |